


# Vendor Oversight Workshop Opening Address

**Mr. Ho NIEH**

**Office of Nuclear Reactor Regulation**

**7th NRC Workshop on Vendor Oversight**

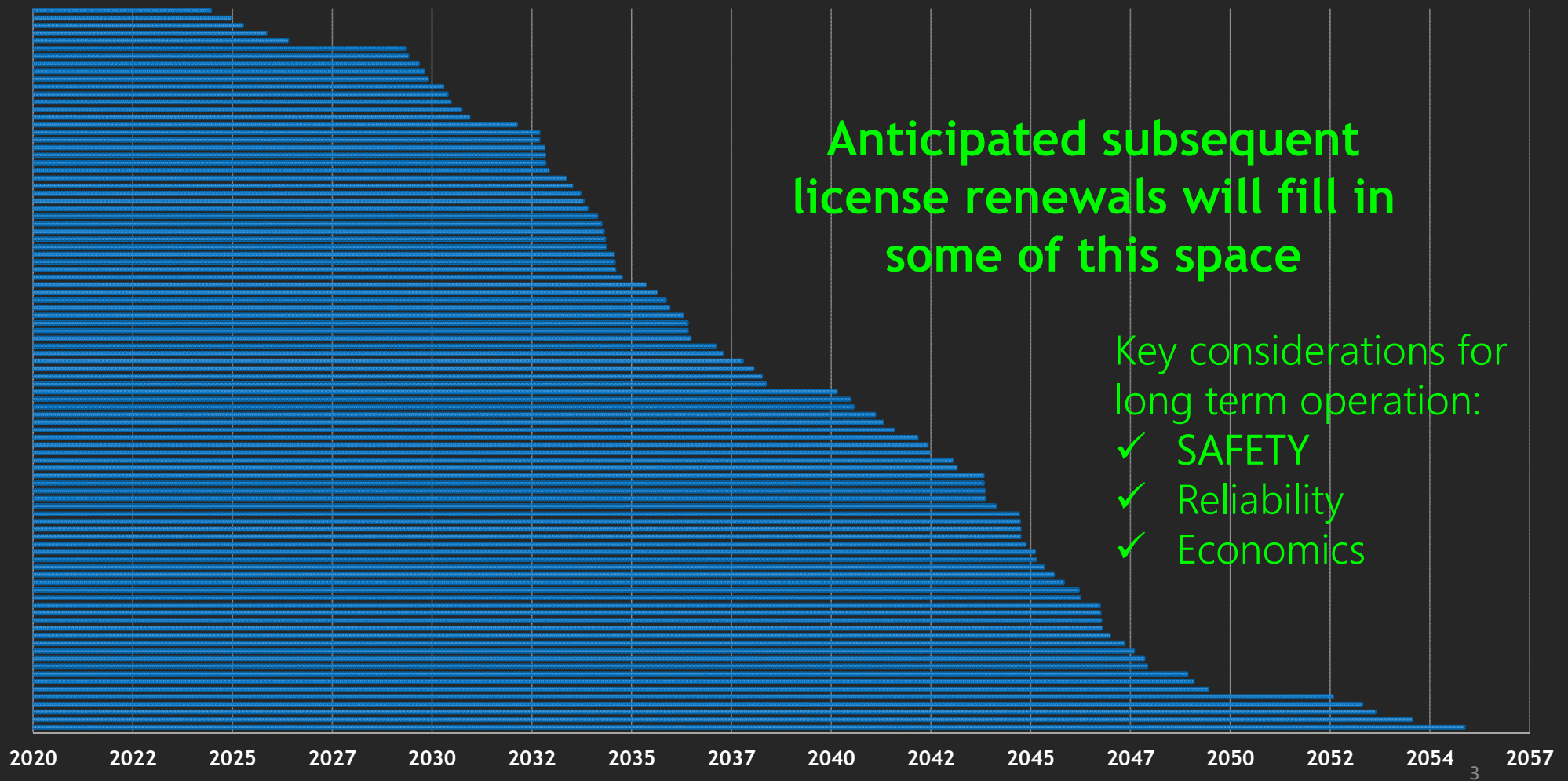
**June 23, 2020**



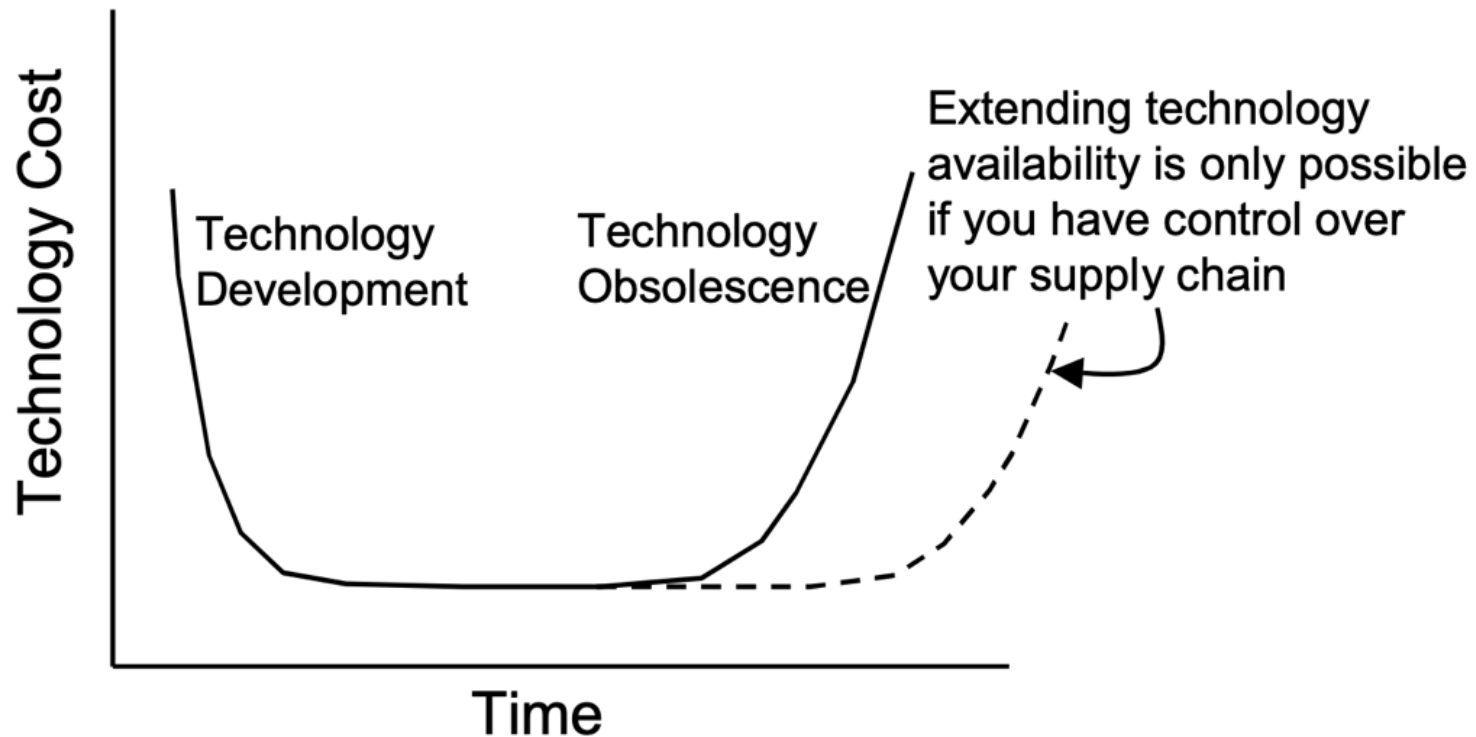
**We make SAFE use of nuclear  
technology POSSIBLE**

OFFICE OF NUCLEAR REACTOR REGULATION

# US Nuclear Power Plant License Expiration Dates



# Combating obsolescence



## References:

- P. Sandborn, T. Herald, J. Houston, and P. Singh, "[Optimum Technology Insertion into Systems Based on the Assessment of Viability](#)," IEEE Trans. on Components and Packaging Technologies, Vol. 26, No. 4, pp. 734-738, December 2003.
- <https://spectrum.ieee.org/computing/hardware/trapped-on-technologys-trailing-edge>

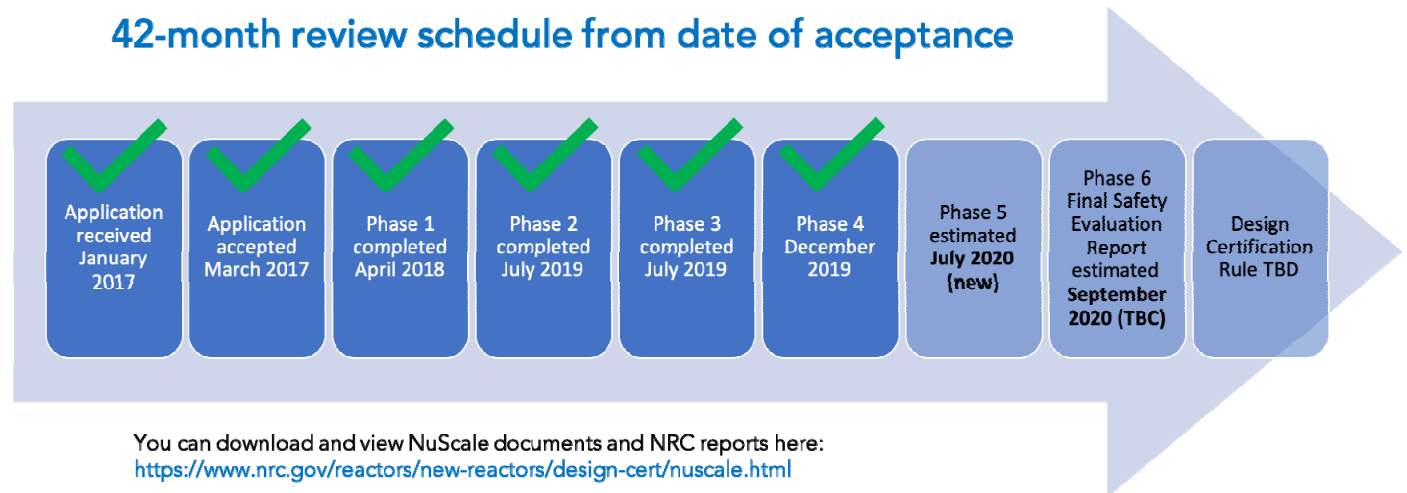
A large-scale construction site for the Vogtle units 3 & 4 AP1000. The central focus is a massive, cylindrical concrete structure under construction, heavily encased in scaffolding and rebar. Several large yellow tower cranes are positioned around the structure, with one prominent crane on the right side. In the foreground, there are concrete walls and other construction elements. The sky is clear and blue.

**Vogtle units 3 & 4  
AP1000  
construction project**

# NuScale design certification almost complete



## 42-month review schedule from date of acceptance



You can download and view NuScale documents and NRC reports here:  
<https://www.nrc.gov/reactors/new-reactors/design-cert/nuscale.html>

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Oklo Aurora  
combined license  
application accepted  
for NRC review  
June 5, 2020

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# *Accelerating change in innovative and creative*



- Tune up processes
- Upgrade procedures
- Work smarter



- Understand risk
- Overcome fear of failure
- Challenge the status quo
- How we think and create



- Data-driven decisions
- Work planning, execution and monitoring
- Web-based transactions



- Improve the experience for internal and external stakeholders
- Enhance our interactions and communications

# Confronting the new reality

- Sustaining momentum for transformation
- Rethinking how and where we work
- Leveraging technology and data analytics

# COVID-19 Regulatory Activities for Nuclear Reactors

Office of Nuclear Reactor Regulation

## Current Regulatory Issues

### Focusing on Safety While Providing Temporary Flexibility



**10 CFR Part 20 Respiratory  
Radiological Protection  
Requirements**

[Online Submissions Now Available]



**10 CFR Part 26  
Work Hour Requirements**

[Online Submissions Now Available]



**10 CFR Part 50.48  
Fire Brigade Requirements**



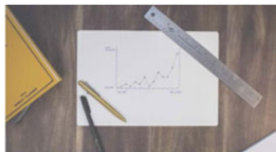
**10 CFR Part 55  
Operators' Licenses**

[Online Submissions Now Available]



**10 CFR 50.55a  
Codes and Standards**

[Online Submissions Now Available]



**10 CFR 50.55a  
Owner's Activity Reports**



**10 CFR Part 73  
Physical Protection**



**Guidance for  
Resident Inspectors**



**COVID-19 Licensing Actions**

<https://www.nrc.gov/about-nrc/covid-19/reactors/>

What does the new reality look  
like for vendor oversight?

Thank you. Questions and comments welcome.

